

Beacon



Registration...



S A R S A T







Is Your Beacon Registered???

Some reasons why registration is SO important:

- Required by law
- Provides an immediate SAR response
- Saves SAR resources
- Allows us to know who is in possible distress
- Allows us to contact <u>YOU</u>







Is Your Beacon Registered???

If your EPIRB, ELT or PLB registration has expired, or if any information has changed in the two years since NOAA last contacted you...then you should contact us!

By our NEW online registration:

www.beaconregistration.noaa.gov

By Phone: 1-888-212-SAVE or 1-301-817-4515

Or, by Fax: 1-301-817-4565



NOAA's On-line Beacon Registration Database (RGDB)



NOAA/SARSAT PROGRAM



Introduction



- Reasons for having the on-line Registration Database
- Other key requirements implemented
- Key screens for the on-line Database
- Timeline for the Web Based System
- Suggestions on How Beacon Manufacturers and Resellers can help



Reasons and requirements for having the Online Registration Database



- NOAA USMCC requires a system that automates & facilitates processes for:
 - Registering 406 MHz emergency beacons
 - Robust system to handle anticipated dramatic increase in 406 MHz registrations after 01 February 2009
 - Increase time for USMCC personnel to actively pursue contacting owners that have registrations with expired decals
- The life-and-death nature of SAR demands that the system:
 - Provide high reliability and system responsiveness flawlessly
 - Protect against viruses, hackers, and other threats
- Public policy adds requirements for:
 - Equal access for all operators and users
 - Privacy of personal data
 - Government Paperwork Elimination Act
- Cost-management considerations call for:
 - A COTS-intensive, low-maintenance design
 - Compatibility with existing USMCC hardware and system software



Online RGDB Considerations Implemented



- System shall allow a hundred concurrent beacon owners to be logged onto the system.
- System shall be available 99.5% of the time.
- System shall assure the security of the information.
- System shall be secure from unauthorized changes.
- Access to the System shall be controlled by a password for user validation.
- Access to parts of the System shall be determined by class of users.
- Users shall not be directly connected to the Registration Database at anytime for security reasons.
- An Intrusion Detection capability shall exist.



Authentication For Different Type Of Users



- Protection of data within the site
 - NOAA and SAR users will be authenticated by User ID and password
 - Beacon owners will be authenticated by beacon ID and password OR beacon ID, owner name and home telephone number (first time only)
 - Block users will be authenticated by Block ID and password
 - Beacon owners, NOAA and SAR user accounts will be "locked" (deactivated) if the specified number of unsuccessful attempts are exceeded



A User-Friendly Interface





NOAA 406 MHz BEACON REGISTRATION DATABASE SYSTEM

Need help with this page?

Beacon Owners

Please note that a Beacon ID is required to use the on-line system.

Click New Registration to register a new beacon.

Click <u>Access Beacon Previously Registered By Mail</u> to create a password for an existing beacon registration that was registered by mail.

Click Access Beacon to access existing beacon registration data.

Click Access Block of Beacons to access a block of existing beacons registration data.

Click Create Block Account to create a beacon block user account

Click Forms to get electronic versions of beacon registration forms.

[Home | Help | Feedback Survey | Contact Us | Privacy Policy]
Other Links: [NOAA | SARSAT-NOAA | NESDIS]



New Registrations





NOAA 406 MHz BEACON REGISTRATION DATABASE SYSTEM

Need help with this page?

0
0
on]
0

[Home | Help | Feedback Survey | Contact Us | Privacy Policy]
Other Links: [NOAA | SARSAT-NOAA | NESDIS]



Owner's Contact Information Section





Official 406 MHz EPIRB Registration Form

SARSAT E/SP3, Room 3320, FB-4 NOAA 5200 Auth Road Suitland, MD 20746-4304

	New Beacon Registration Form Note:* indicates required field(s)	
EPIRB Information	Beacon ID (Unique Identifier Number) ADCE08AD744006D (15 digit character ID provided by EPIRB manufacturer)	
Activation Type CAT2	*EPIRB Manufacturer *Model No	
Owner/Operator Information	Telephone	
*Name (Last, First, Middle Initial)	* Area Code	C Home C Work C Cell C Fax C Other
*Mailing Address	Area	C Home C Work C Cell C Fax C Other
*City State Pro	vince	C Home C Work C Cell C Fax C Other
ZIP (Postal) *Country USA code E-mail	Area Code Area Code	C Home C Work C Cell C Fax C Other



Owner's Vessel/Aircraft/Usage Information Section



Vessel Information	
*Usage	Radio Equipment (Check all that apply)
C Commercial C Non-commercial	□ VHF □ MF □ HF □ SSB □ Other
C Government Military C Government Non-military	Vessel Telephone Numbers
*Type	Radio Call Sign INMARSAT
Sail: C Number of Masts	Cellular MMSI Number
Power: C Fishing C Tug C Cargo C Tanker C Pleasure Craft	Federal or State Registration Number
C Other	*Length Overall (ft) *Capacity
	(Crew and Passengers)
Non-Power: C Life Boat C Life Raft C Other	*Homeport
*Vessel Name	(Marina/Dock)
*Vessel Color	* *
Survival Craft(s) on Vessel	(City) (State)
Life Boat Life Raft	Additional Data
(No. of) (No. of)	



Owner's Emergency Point of Contact Information Section



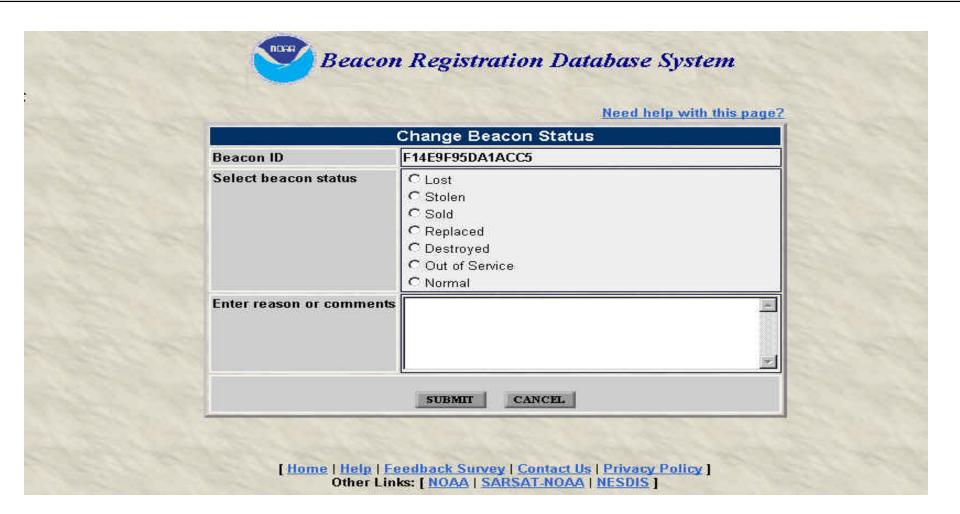
	Telephone	
C Home C Work C Cell C Fax C Other		C Home C Work C Cell C Fax C Other
	Area Code	
C Home C Work C Cell C Fax C Other		C Home C Work C Cell C Fax C Other
	Area Code	
C Home C Work C Cell C Fax C Other		C Home C Work C Cell C Fax C Other
	Area Code	
C Home C Work C Cell C Fax C Other		C Home C Work C Cell C Fax C Other
	Area Code	
& Rescue Satellite-Aided Tracking system, please visit <u>www.s</u> er 2004	sarsat.noaa.gov	
	C Home C Work C Cell C Fax C Other C Home C Work C Cell C Fax C Other C Home C Work C Cell C Fax C Other S form or with EPIRB registration in general, please call 1-888-	Telephone C Home C Work C Cell C Fax C Other Area Code C Home C Work C Cell C Fax C Other Area Code C Home C Work C Cell C Fax C Other Area Code C Home C Work C Cell C Fax C Other Area Code C Home C Work C Cell C Fax C Other Area Code S form or with EPIRB registration in general, please call 1-888-212-SAVE or 301-457-5678. & Rescue Satellite-Aided Tracking system, please visit www.sarsat.noaa.qov

Back to top | Print | Save As | Need help with this page?



Immediate Beacon Status Changes







Automatic Confirmation Requests





Need help with this page?

Beacon ID	F14E9F95DA1ACC5		
Ownger's name (Last, First, Middle Initial)	Smith, John		
Owner's telephone number (Home)	703-555-1234		
Current status	CONFIRMED		
Select status	C Confirmed (confirmed with no changes) C Change (confirmed with changes)		

[Home | Help | Feedback Survey | Contact Us | Privacy Policy]
Other Links: [NOAA | SARSAT-NOAA | NESDIS]



Multiple Beacon Capability





NOAA 406 MHz BEACON REGISTRATION DATABASE SYSTEM

The second secon	Register New Beacon Like	The second secon	-	CONTRACTOR OF THE PARTY OF THE	A CKDOMARGOO		ALTERNATION OF THE WORLD	Change Beacon	Beacon To	Remove Beacon From Block	CONTRACTOR OF THE PARTY OF THE	Replace Decal
--	-----------------------------	--	---	---	--------------	--	--------------------------	---------------	-----------	--------------------------------	---	------------------

Your confirmation request has been sent out for beacon(s), ADCD02184C40405. If you received it, please acknowledge your confirmation request status by using **Acknowledge Confirmation Request** option on top of this page. Thank you for your correspondence.

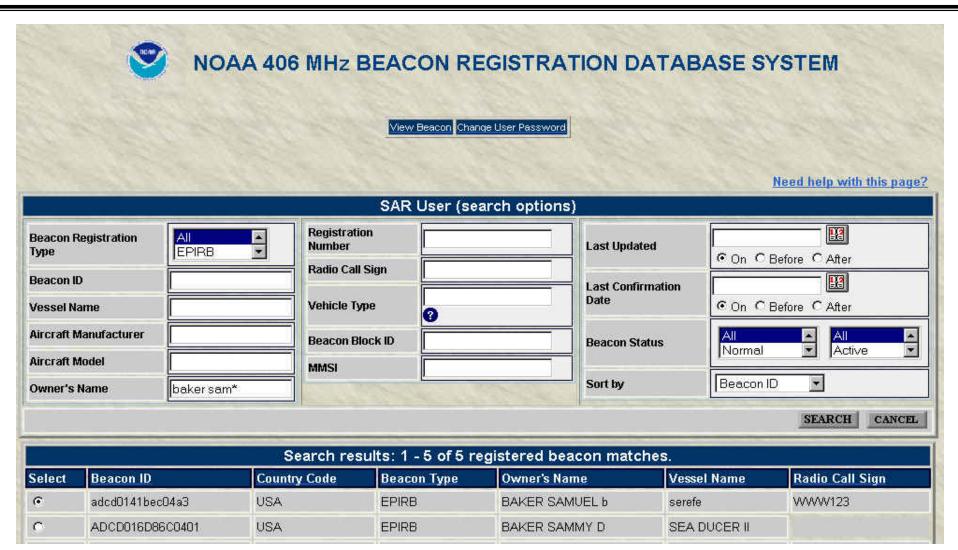
Registered Beacon(s) For Block ID blockuser2							
Select	Beacon ID	Country Code	Beacon Type	Owner's Name	Vessel Name	Radio Call Sign	
c	2DC758E260FFBFF	USA	ELT	Doe John			
c	2DCC362AECFFBFF	USA	EPIRB	Doe John	SEREFE123	NAA123	
C	AB3B8E38E048DD1	MEXICO	EPIRB	Doe John	noaa user suppress decal test		
C	ADCC4012EC05019	USA	ELT	Doe John			
С	ADCD02184C40405	USA	EPIRB	Doe John	MySailBoat	WWW123	
C	ADCD02184C40409	USA	EPIRB	Doe John	My Tug Boat	WWW123	
С	ADCE08960C4006D	USA	EPIRB	Doe John	BEACON LIKE		
C	ADCF4141BC00019	USA	PLB	Doe John			
С	ADED02800440403	USA	EPIRB	Doe John	GoneFishing		

Print | Save As | Need help with this page?



SAR Querying Capabilities







Anticipated Operational Date



Now Available!

www.beaconregistration.noaa.gov

FOR MORE INFO...

NOAA/SARSAT 1-301-817-4515

NSOF, E/SP3 Or 1-888-212-7283 (SAVE)

4231 Suitland Road

Suitland, MD 20746 Fax: 1-301-817-4565